



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| (51) International Patent Classification ⁷ : C09D 5/03, 163/00 | A1 | (11) International Publication Number: WO 00/56821 (43) International Publication Date: 28 September 2000 (28.09.00) |
| (21) International Application Number: PCT/EP00/01967 (22) International Filing Date: 7 March 2000 (07.03.00) (30) Priority Data: 529/99 19 March 1999 (19.03.99) CH 2342/99 21 December 1999 (21.12.99) CH (71) Applicant (for all designated States except US): VANTICO AG [CH/CH]; Klybeckstrasse 200, CH-4057 Basel (CH). (72) Inventors; and (75) Inventors/Applicants (for US only): GROB, Carmelina [CH/CH]; Auf der Bischoffhöhe 11, CH-4125 Riehen (CH). RICKERT, Christoph [CH/CH]; Hauptstrasse 130, CH-4153 Reinach (CH). KÜNZI, Daniel [CH/CH]; Birsigstrasse 115, CH-4054 Basel (CH). (74) Common Representative: VANTICO AG; Patents/Scientific Information, Klybeckstrasse 200, CH-4057 Basel (CH). | | (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i> |
| (54) Title: MATTING AGENTS FOR THERMALLY CURABLE SYSTEMS (57) Abstract Matting agent for thermally curable systems, especially for powder coating compositions, that comprise at least one carboxyl-containing polymer as binder and at least one epoxy-group-containing compound as cross-linking agent, wherein the matting agent comprises at least the following constituents: (a) a metal salt or a metal complex of an organic compound, the metal being selected from the group magnesium, calcium, strontium, barium, zinc, aluminium, tin and antimony, and (b) a polymerisation product of monomers, the monomers including epoxy-group-containing monomers and the epoxy value of the polymerisation product being from 0.1 to 8 equivalents of epoxy groups, and overall the ratio of epoxy equivalents of component (b) to metal equivalents of component (a) being from 0.2 to 120. | | |